

Appendix table 1-1

Percentage of high school graduates taking selected mathematics and science courses in high school, by sex: 1990, 1994, and 1998

Course	1990			1994			1998		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Mathematics									
Geometry.....	63.2	62.1	64.2	70.0	64.3	72.2	75.1	73.7	77.3
Algebra II.....	52.9	51.0	54.6	61.1	57.7	61.6	61.7	59.8	63.7
Trigonometry.....	9.6	9.8	9.4	11.7	11.1	12.3	8.9	8.2	9.7
Precalculus.....	13.4	14.0	12.8	17.3	16.3	18.3	23.1	23.0	22.9
Calculus.....	6.5	7.5	5.6	9.3	9.5	9.1	11.0	11.2	10.6
Science									
Biology.....	90.9	89.4	92.3	93.2	91.8	94.5	92.7	91.4	94.1
AP/honors biology.....	10.1	9.4	10.8	11.9	10.9	12.8	16.2	14.5	18.0
Chemistry.....	48.9	47.7	50.0	55.8	52.9	58.5	60.4	57.1	63.5
Physics.....	21.5	25.4	18.0	24.5	27.0	22.2	28.8	31.7	26.2
Engineering	4.2	4.4	4.1	4.5	3.9	5.0	6.7	7.1	6.5

NOTES: Numbers have been revised from previously published figures. These data only report the percentage of students who earned credit in each course while in high school and do not count those students who took these courses prior to entering high school. Included in the totals but not shown separately are graduates whose sex was not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Transcript Study, 1990, 1994, and 1998